



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Friday, December 7, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today - Saturday

- **Winter weather leading to hazardous travel this evening into Saturday across portions of NM, TX Panhandle, NW&W TX, SW&Central OK, & N AR.**
 - Ice forecast amounts have decreased so power outage potential has lowered.
- **Areas of heavy rain/flash flooding today into Saturday across portions of Central/E/SE TX into W LA/SW AR. Isolated flooding on Saturday in S LA.**
- **Marginal risk of severe storms today across the TX Coastal Plain and Saturday for S LA.**

Sunday - Tuesday

- **No significant weather impacts expected.**

River Flooding

- **Widespread minor to moderate flooding is likely, with isolated major possible, for portions of Central, North, East, and Southeast TX by the end of the week.**

FEMA Region 6 Threat Matrix

Dec 7, 2018 – Dec 11, 2018



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DAY / THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	TX Coastal Plain	S LA			
Heavy Rain / Flash Flooding	Central/E/SE TX/ W LA/SW AR	S LA			
Winter Weather	NM/TX Panhandle/ NW&W TX/ SW&Cntrl OK/ N AR	E NM/TX Panhandle/ NW&W TX/ SW&Cntrl OK/ N AR			
Fire Weather					
River Flooding	TX	TX	TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

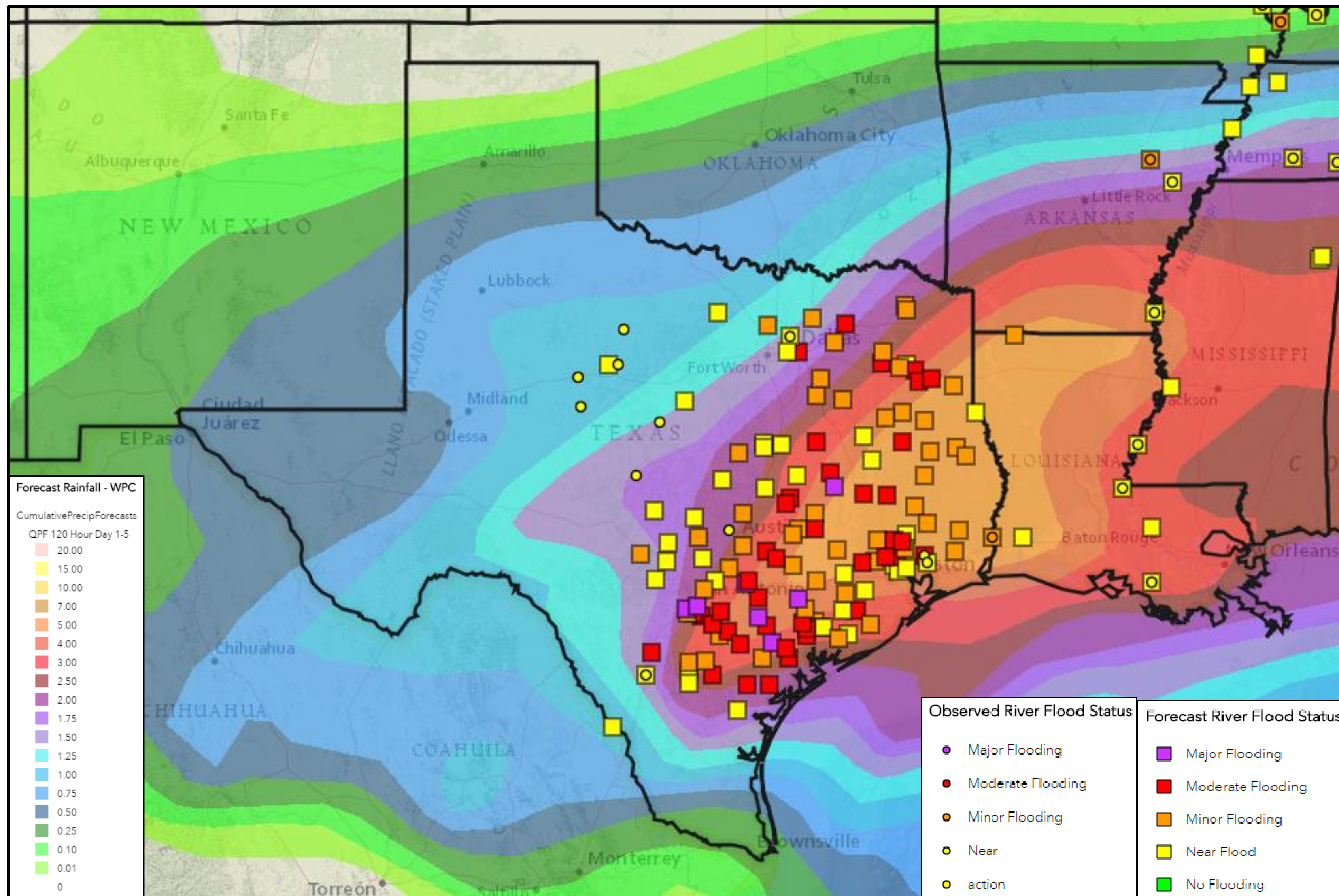
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Widespread rainfall is expected to continue through Saturday across portions of TX, which may lead to renewed river flooding for portions of Central, North, East, and Southeast Texas by the end of the week. Widespread minor to moderate flooding is likely, and isolated major is possible.

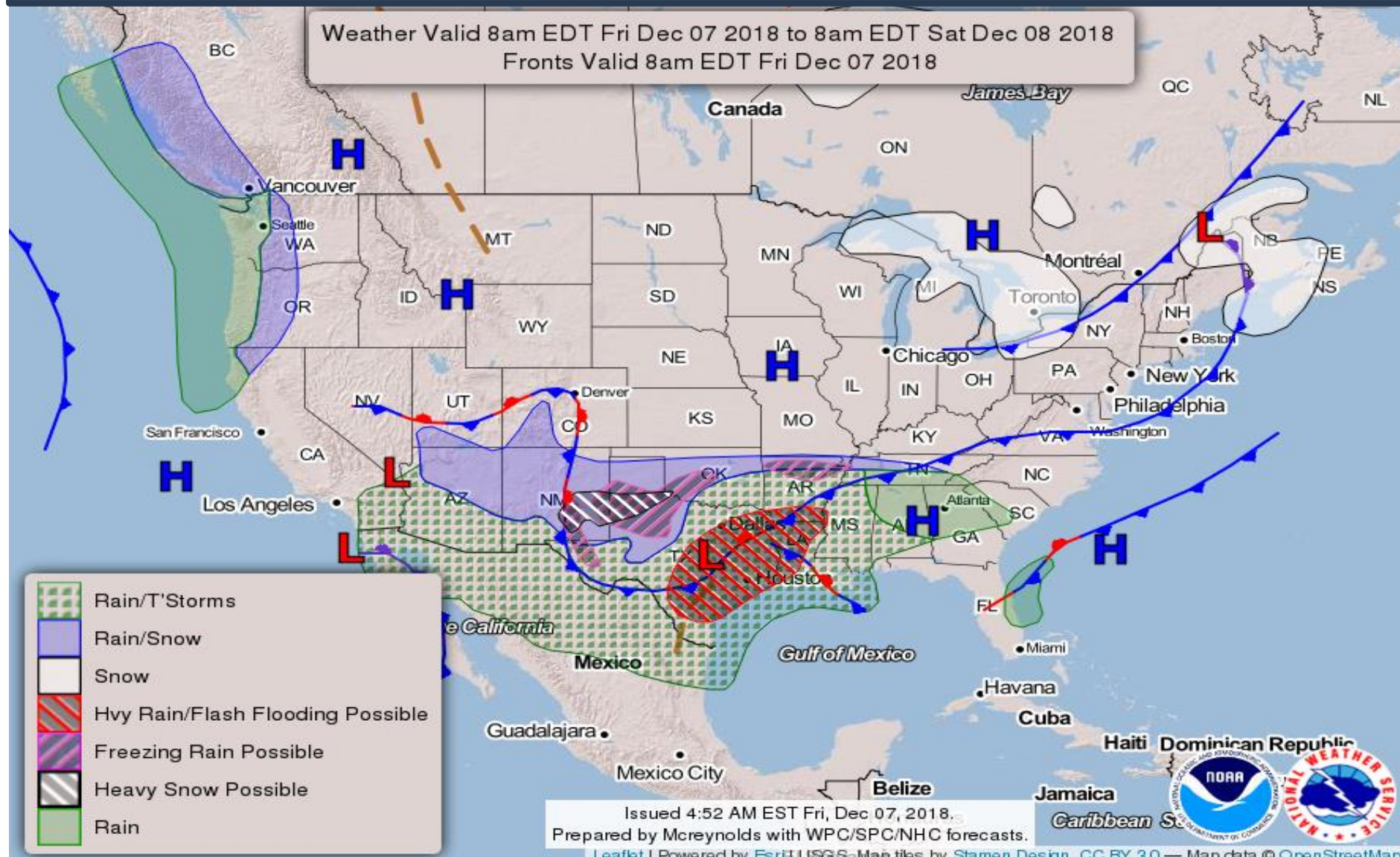


Today's Weather

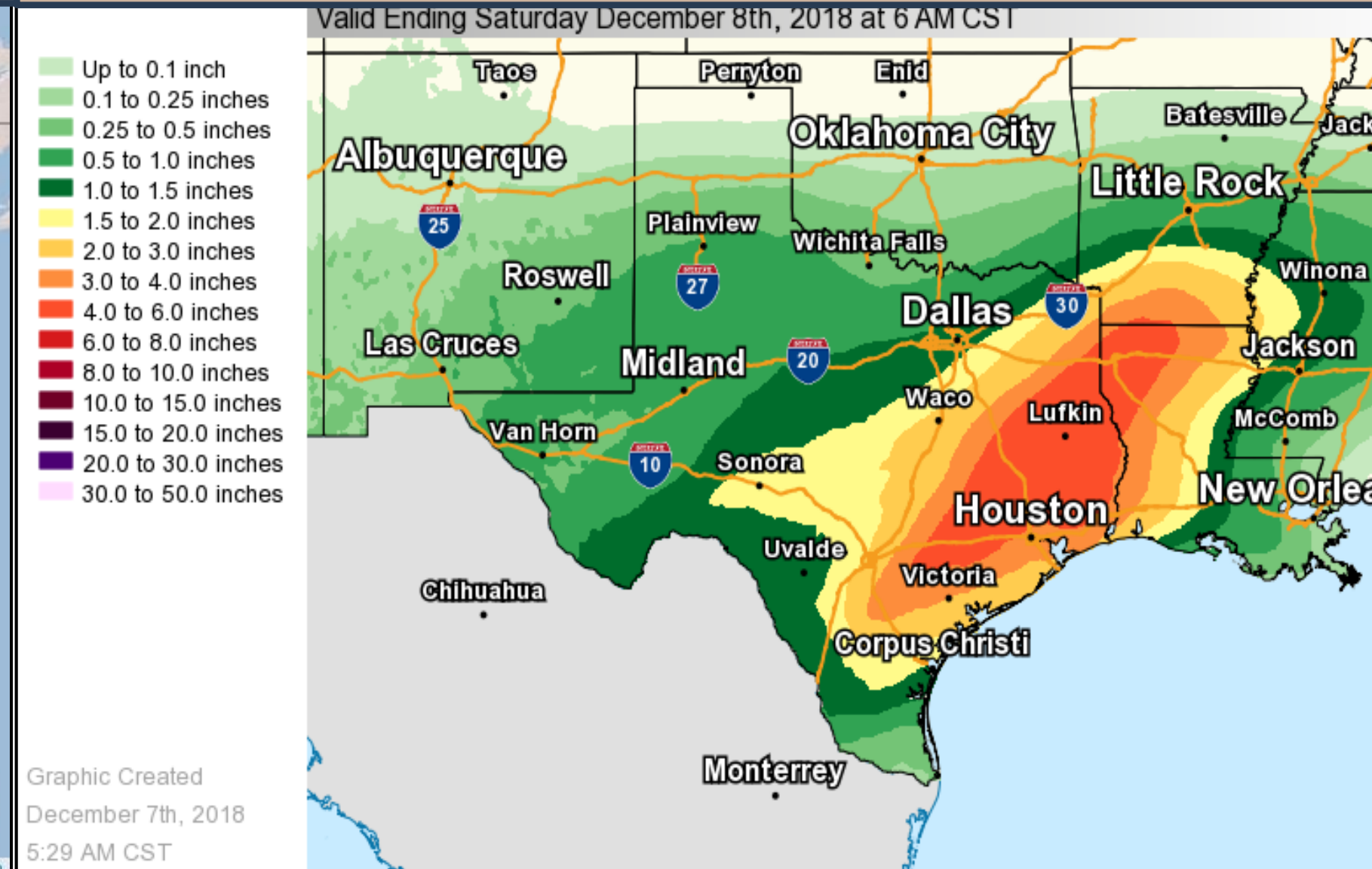


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Forecast Chart



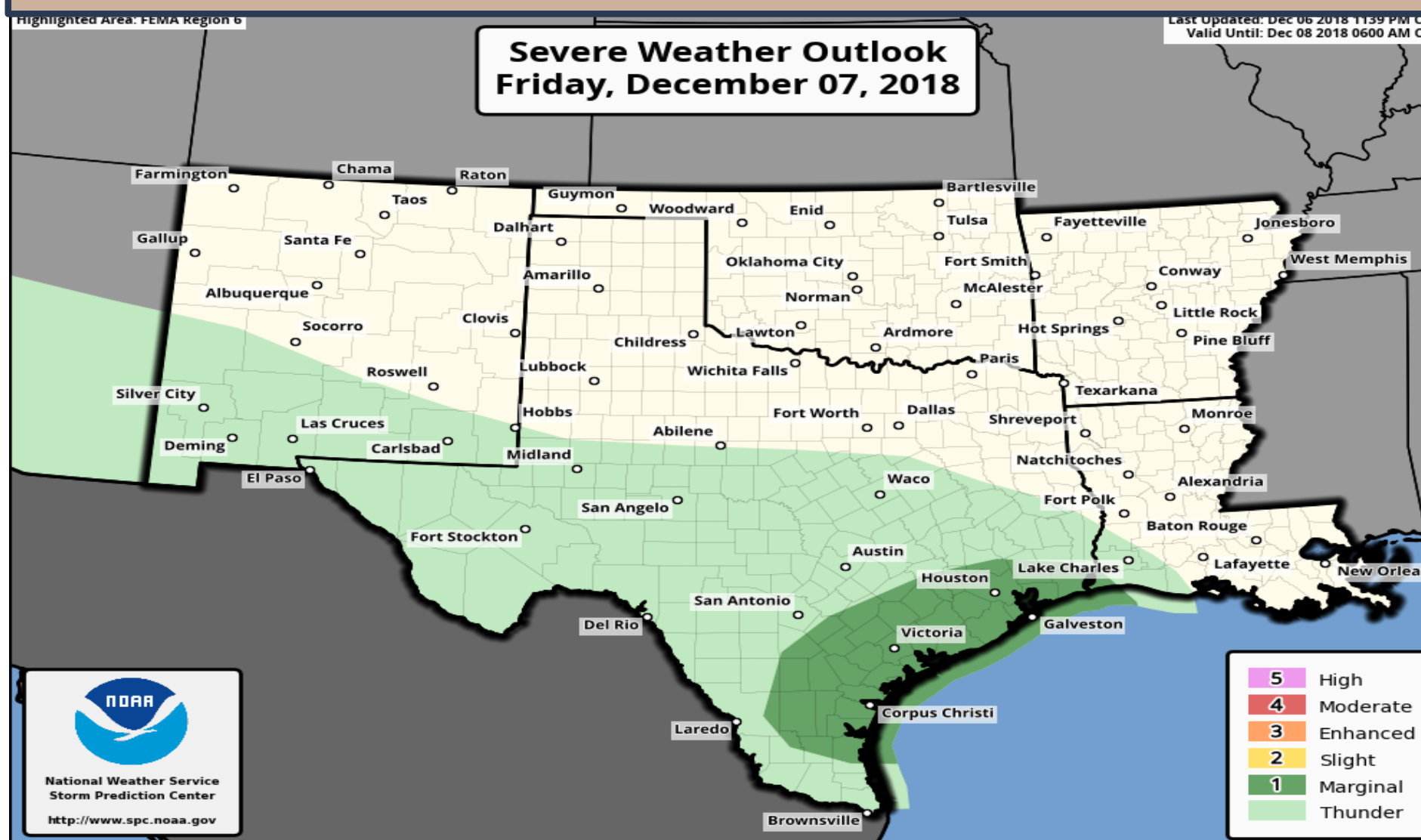
Forecast Rainfall



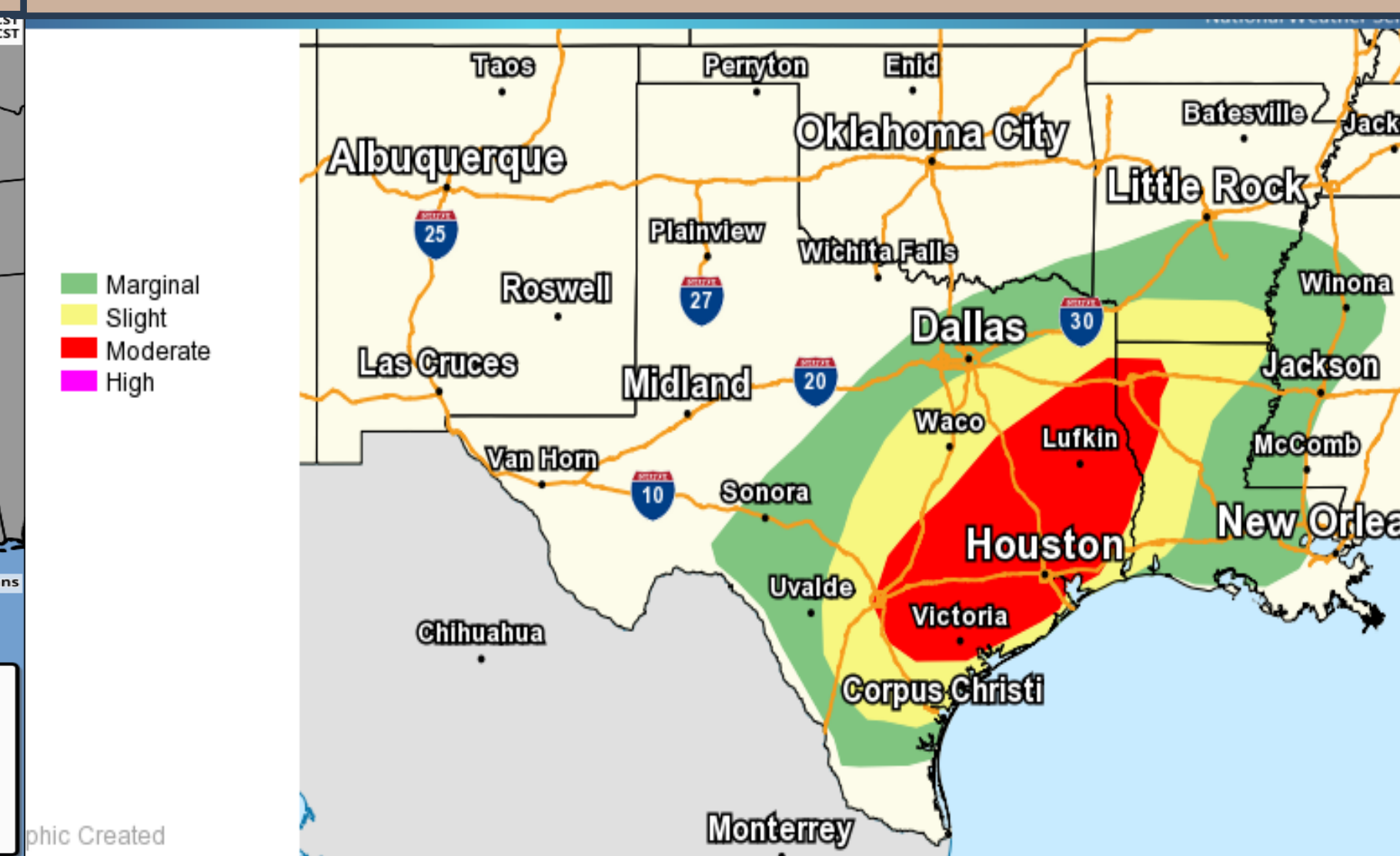
Winter weather leading to hazardous travel this evening into Saturday across portions of NM, TX Panhandle, NW&W TX, SW&Central OK, & N AR.

Areas of heavy rain/flash flooding today into Saturday across portions of Central/E/SE TX into W LA/SW AR.

Severe Weather Outlook



Excessive Rainfall Outlook



Marginal risk of severe storms across the TX Coastal Plain. Gusty winds and a brief tornado or two possible.

Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Winter Weather Advisories and Winter Storm Watches in effect for portions of NM into the TX Panhandle, NW/W TX, SW/Central OK, and N AR.

Hazardous travel is the main impact. Some power outages and tree damage possible, but widespread power outages are not expected.

Flash Flood/Flood Watches in effect for portions of South-Central/Central/East/Southeast TX into Western Louisiana and Southwest Arkansas.

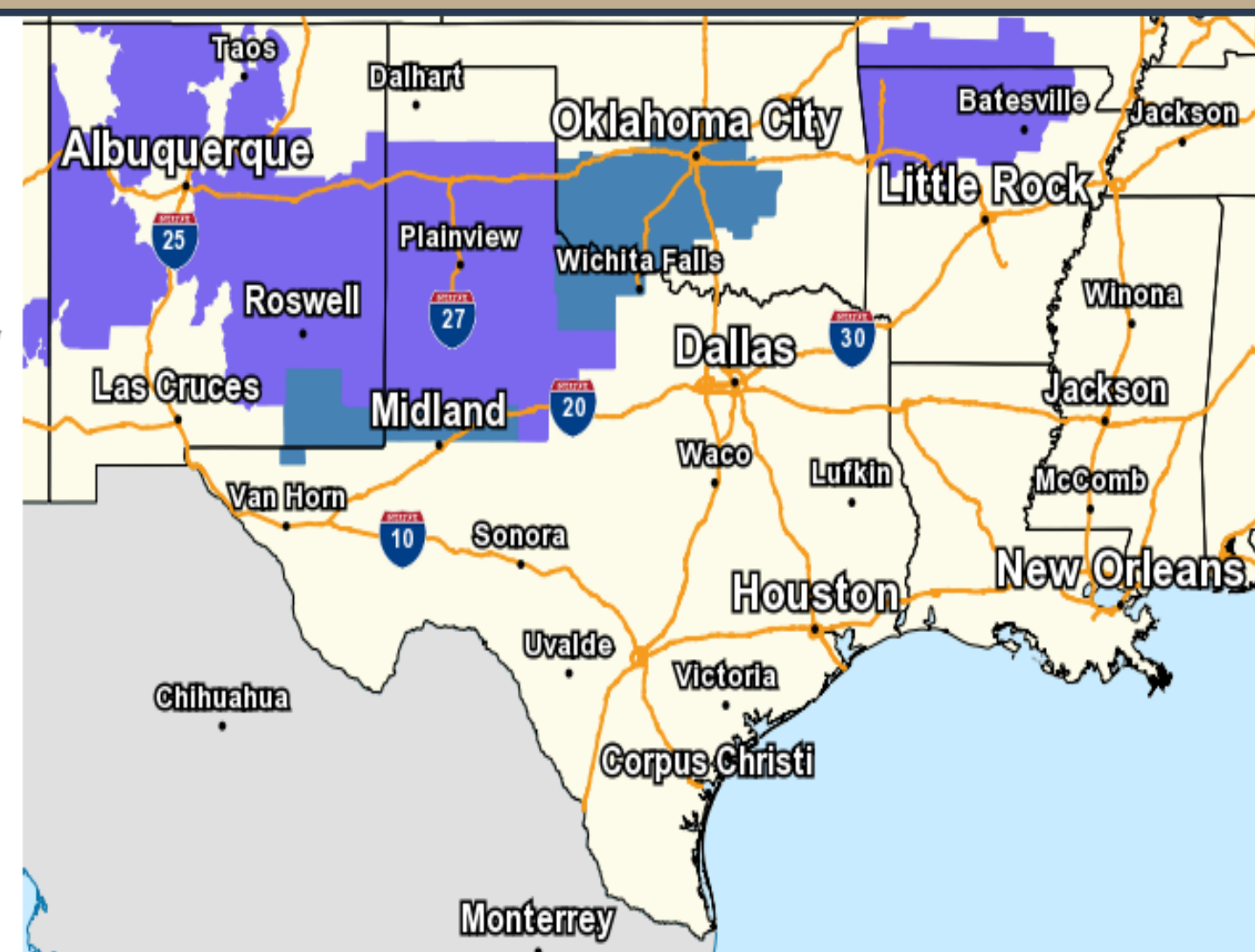
Areas of heavy rain will likely cause flash flooding Friday into early Saturday.

Strong & Gusty Winds



Graphic Created

Winter Weather



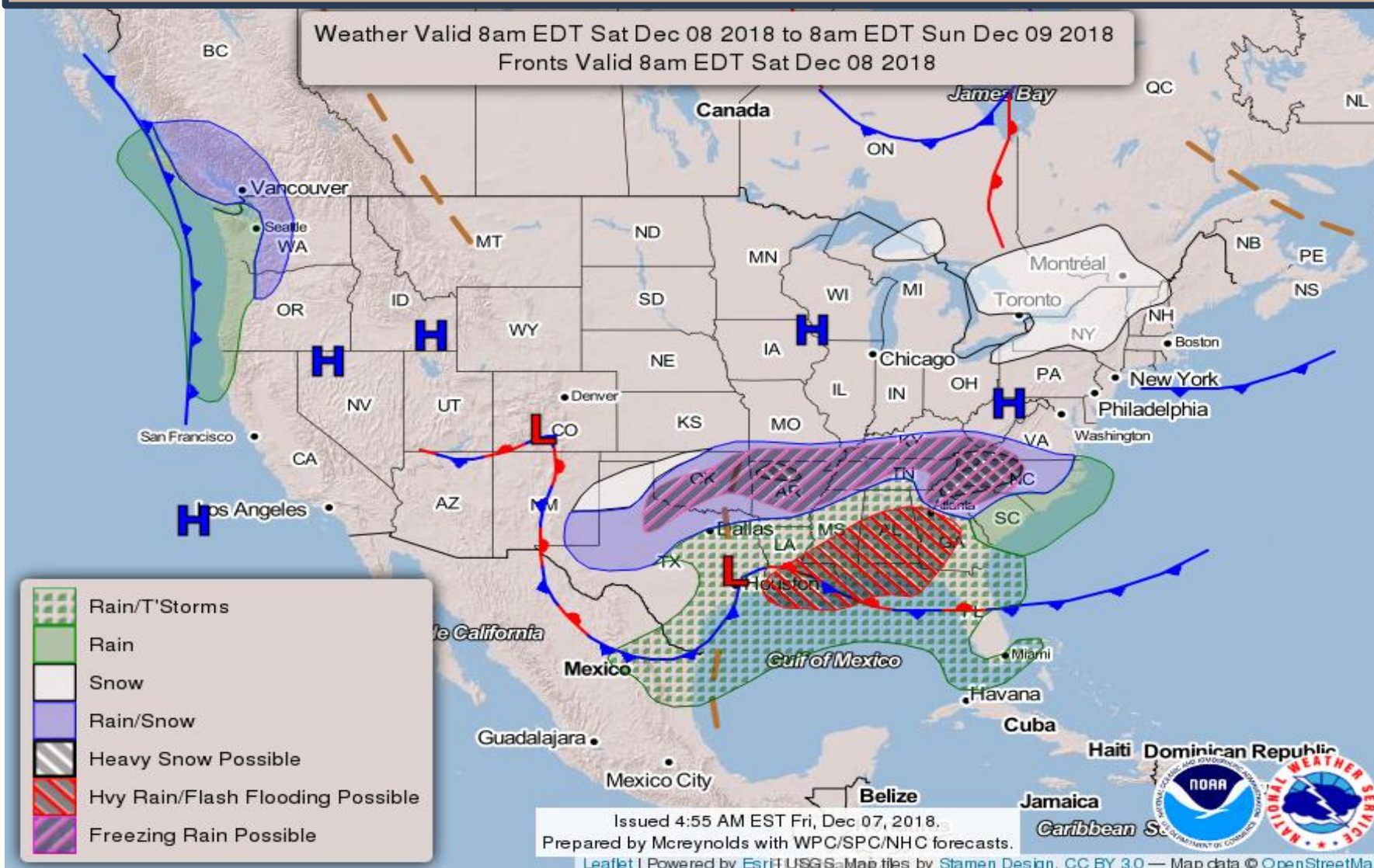
Graphic Created

Tomorrow's Weather

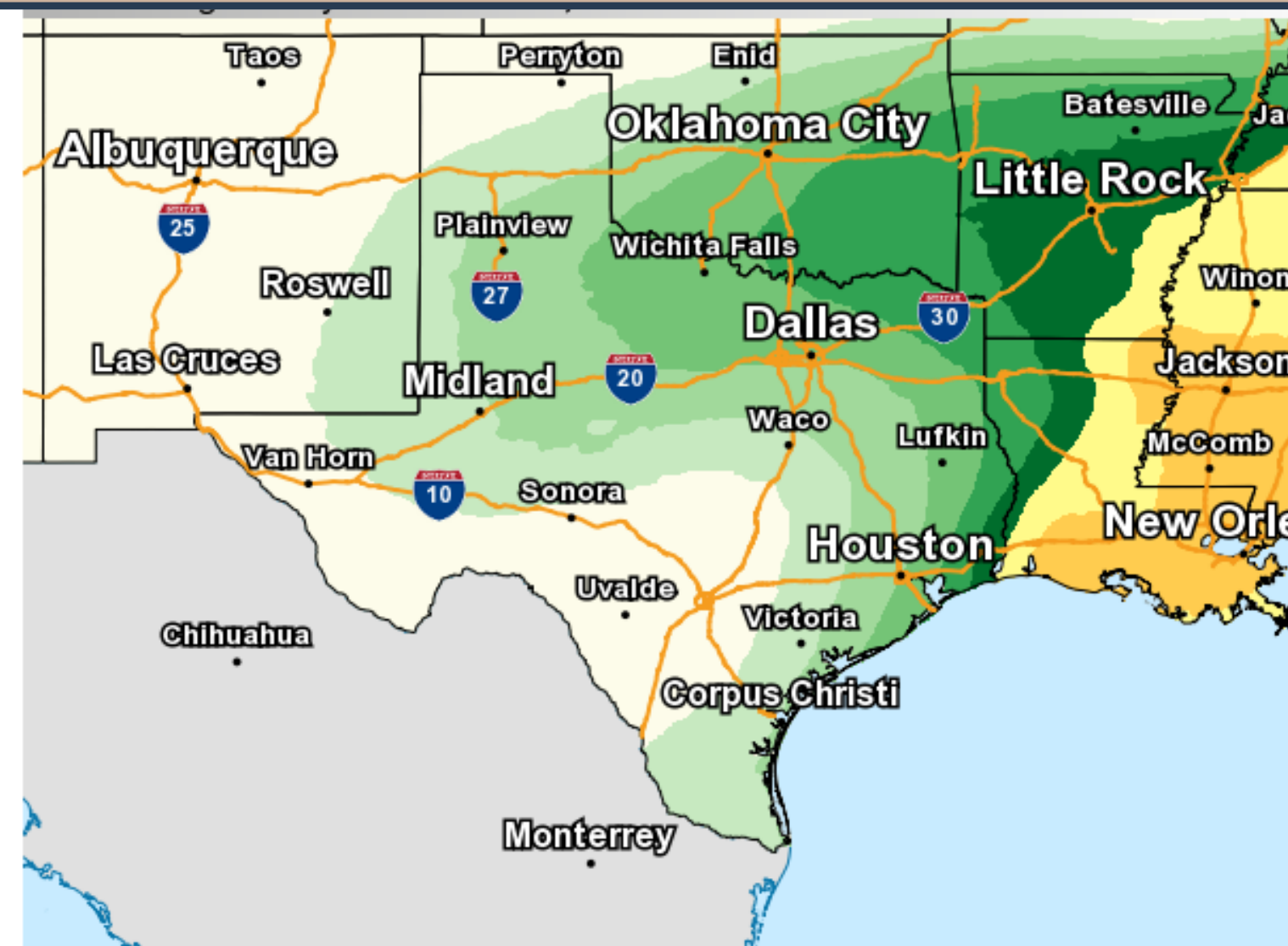
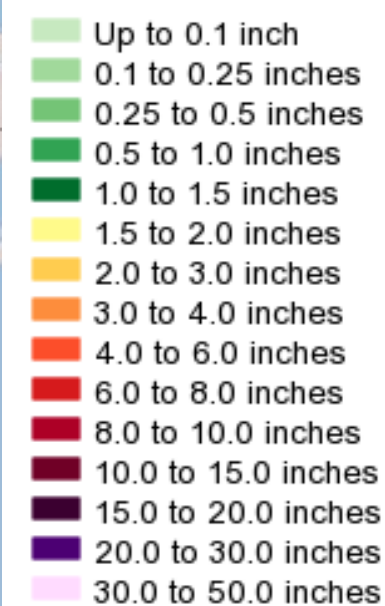


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Forecast Chart



Forecast Rainfall



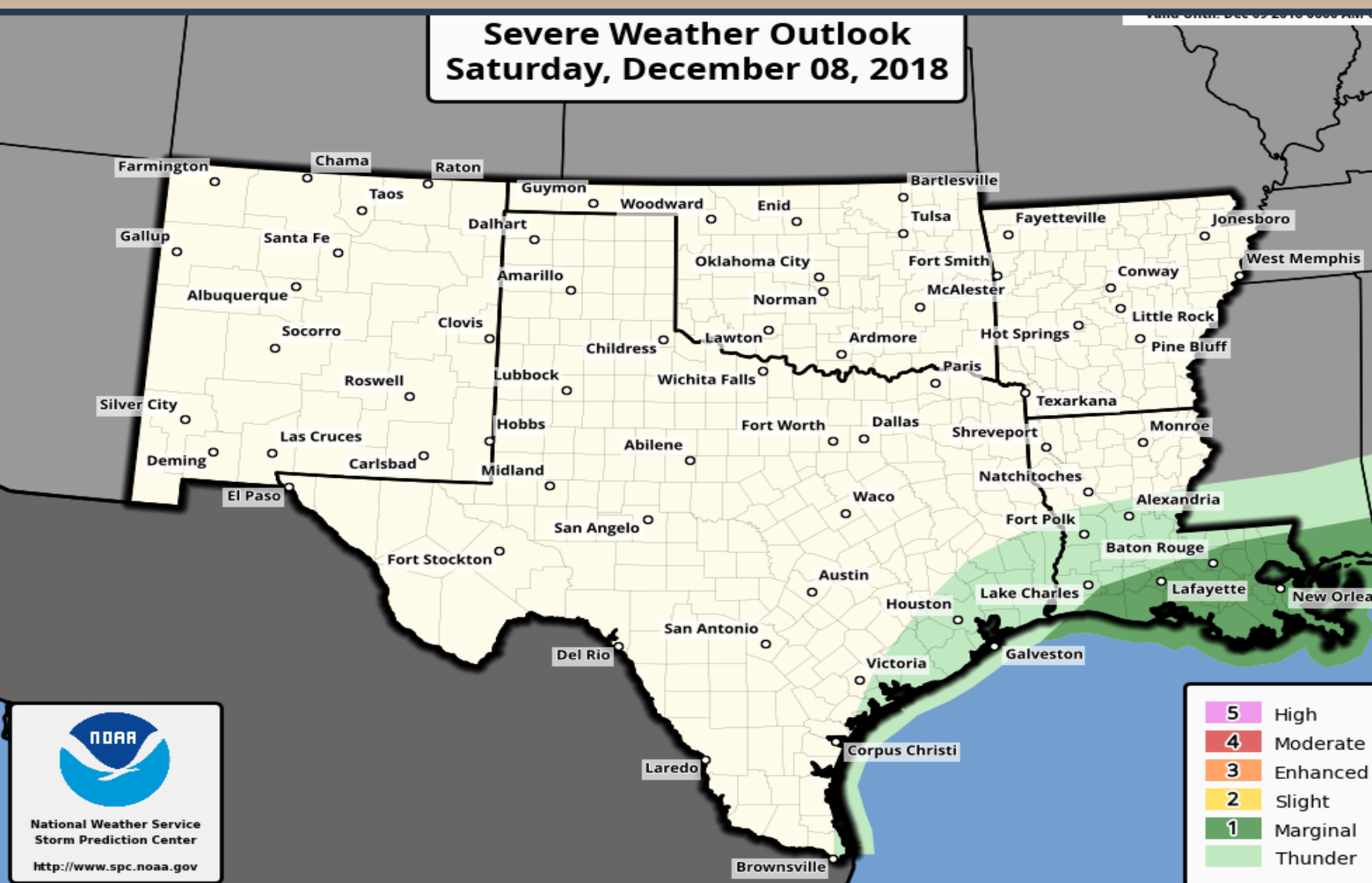
Graphic Created
December 7th, 2018
5:30 AM CST

Winter weather leading to hazardous travel across portions of E NM, TX Panhandle, NW&W TX, SW&Central OK, & N AR.

Isolated areas of heavy rain/flash flooding across Southern LA.

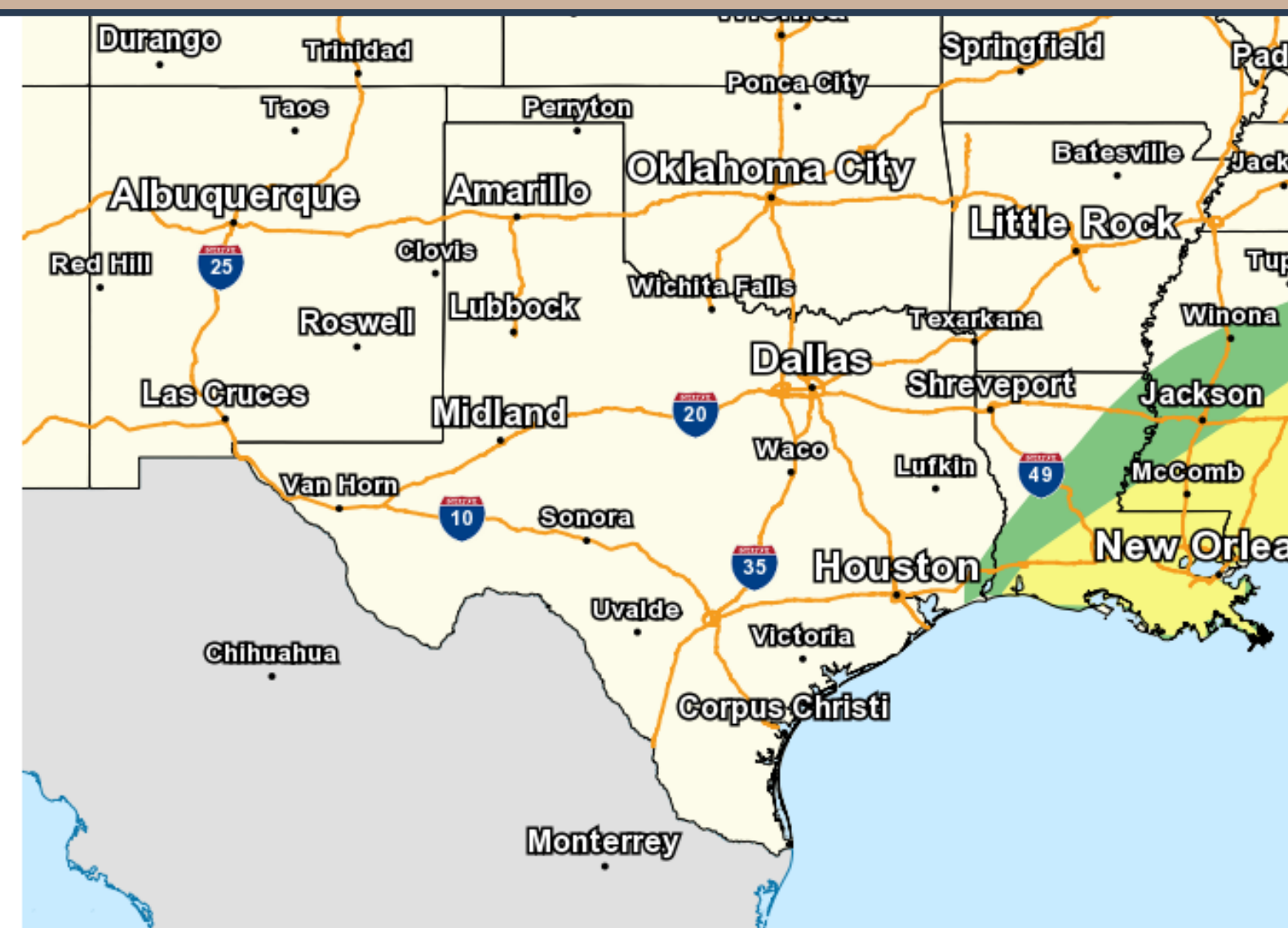
Marginal risk of severe storms across the Southern LA.

Severe Weather Outlook



Graphic Created
December 7th, 2018
AM CST

Excessive Rainfall Outlook



Sunday's Weather

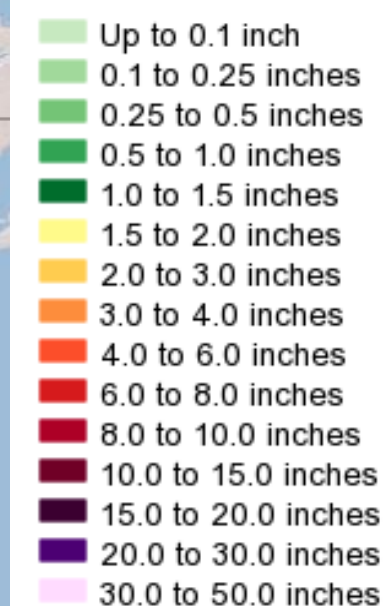
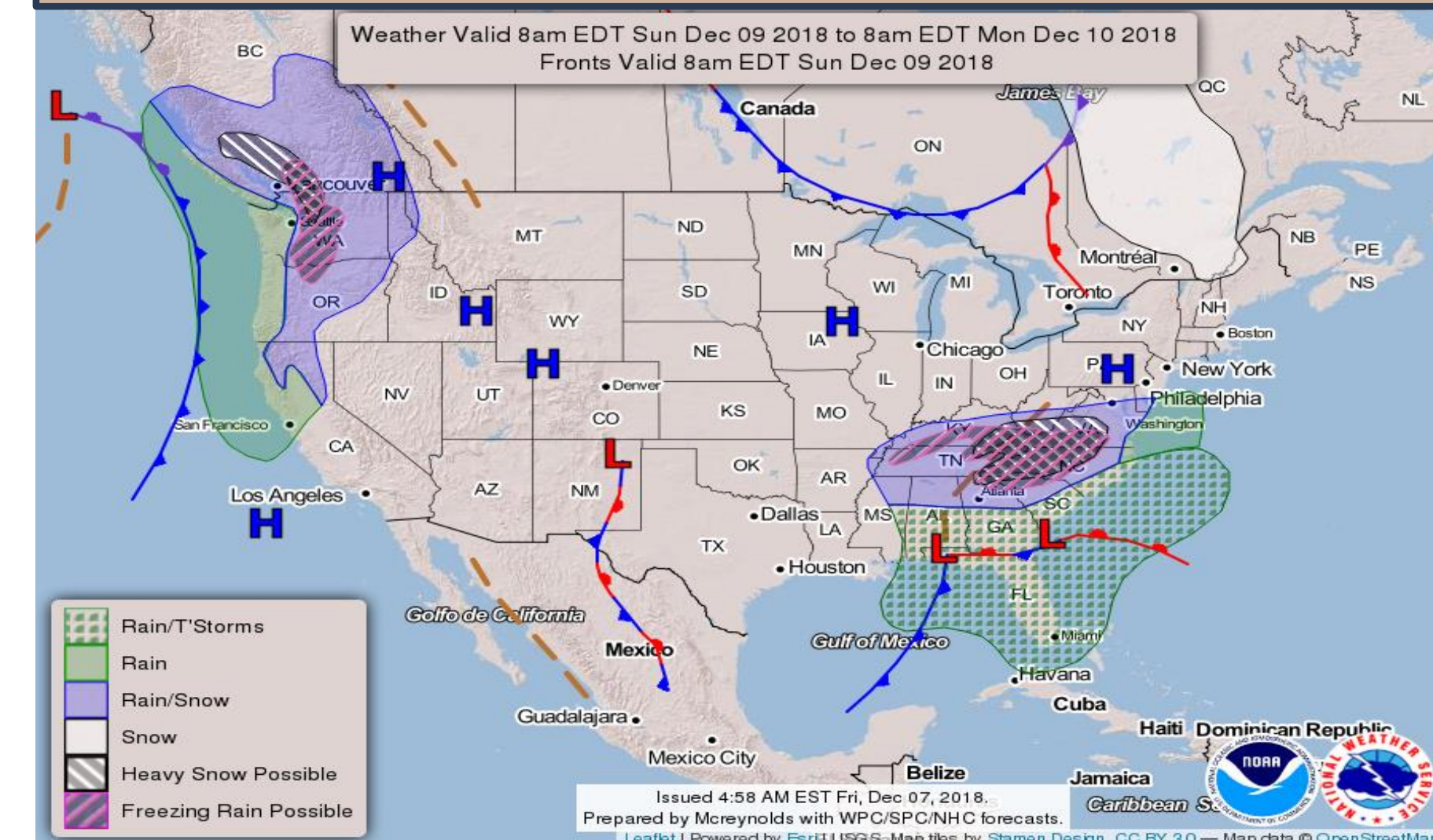
Forecast Chart

Forecast Rainfall



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**No Significant Weather
Impacts Expected.**

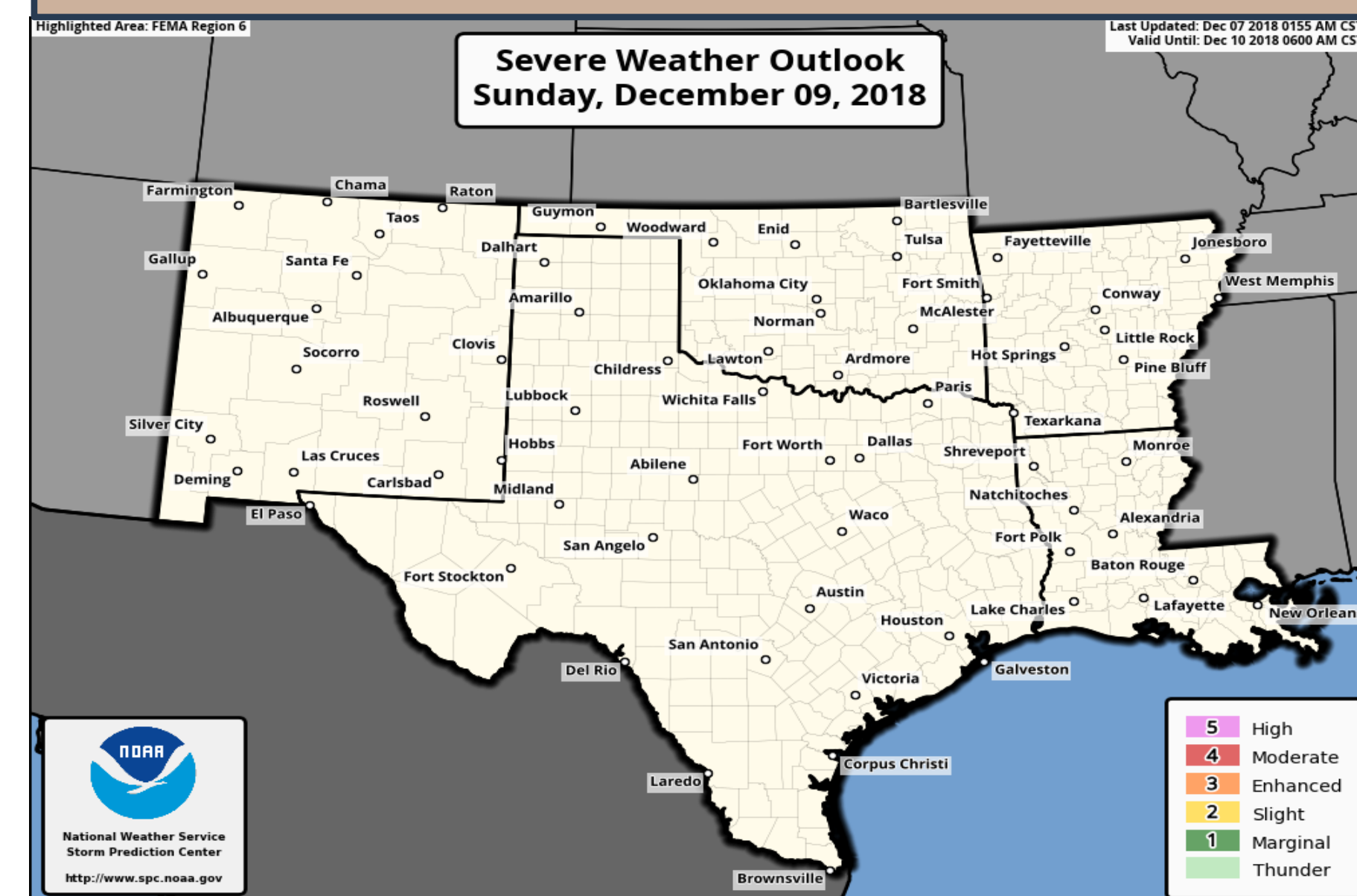


Graphic Created
December 7th, 2018



Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
December 7th, 2018
AM CST

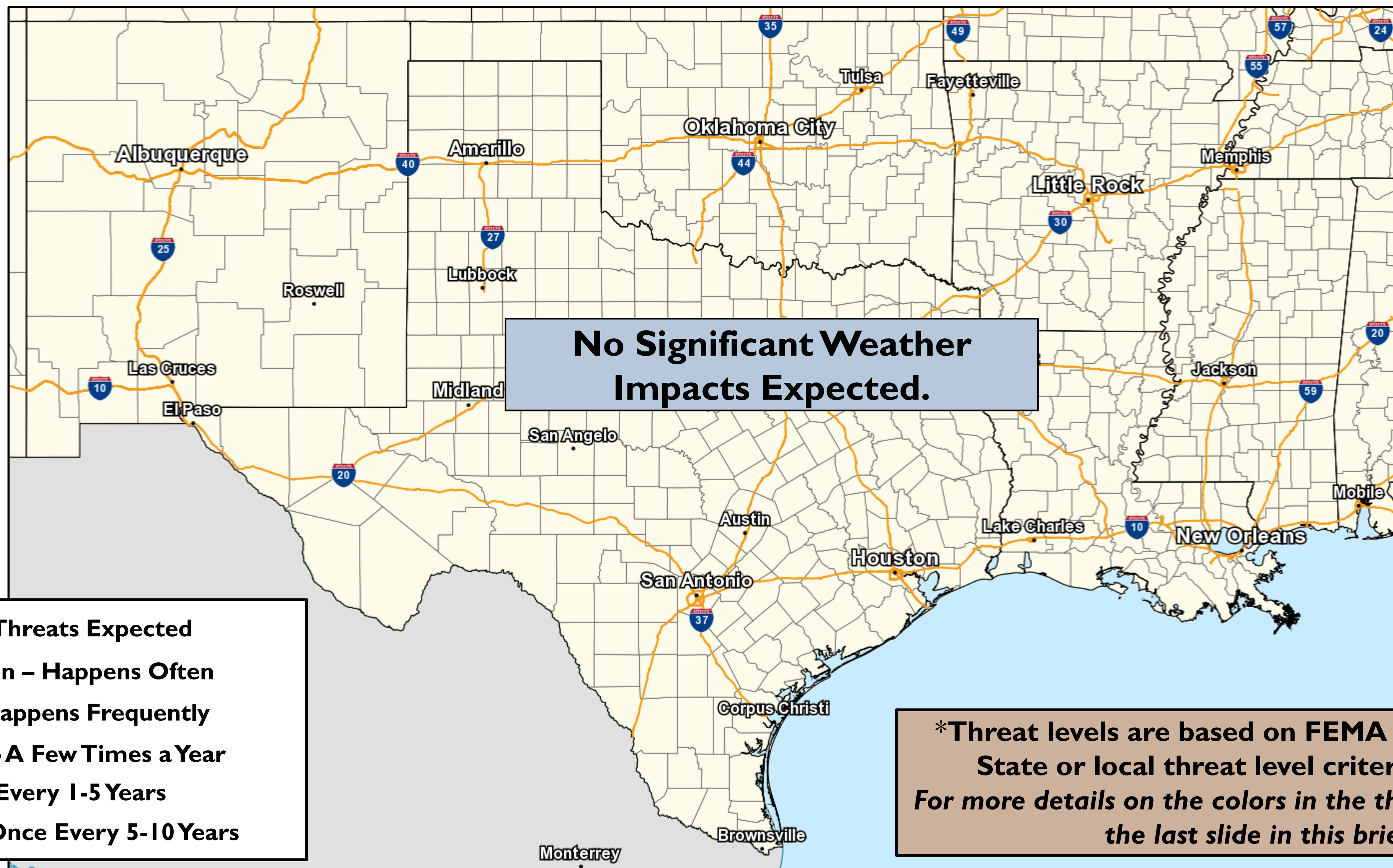


Days 4-5 Weather Hazards

Monday - Tuesday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

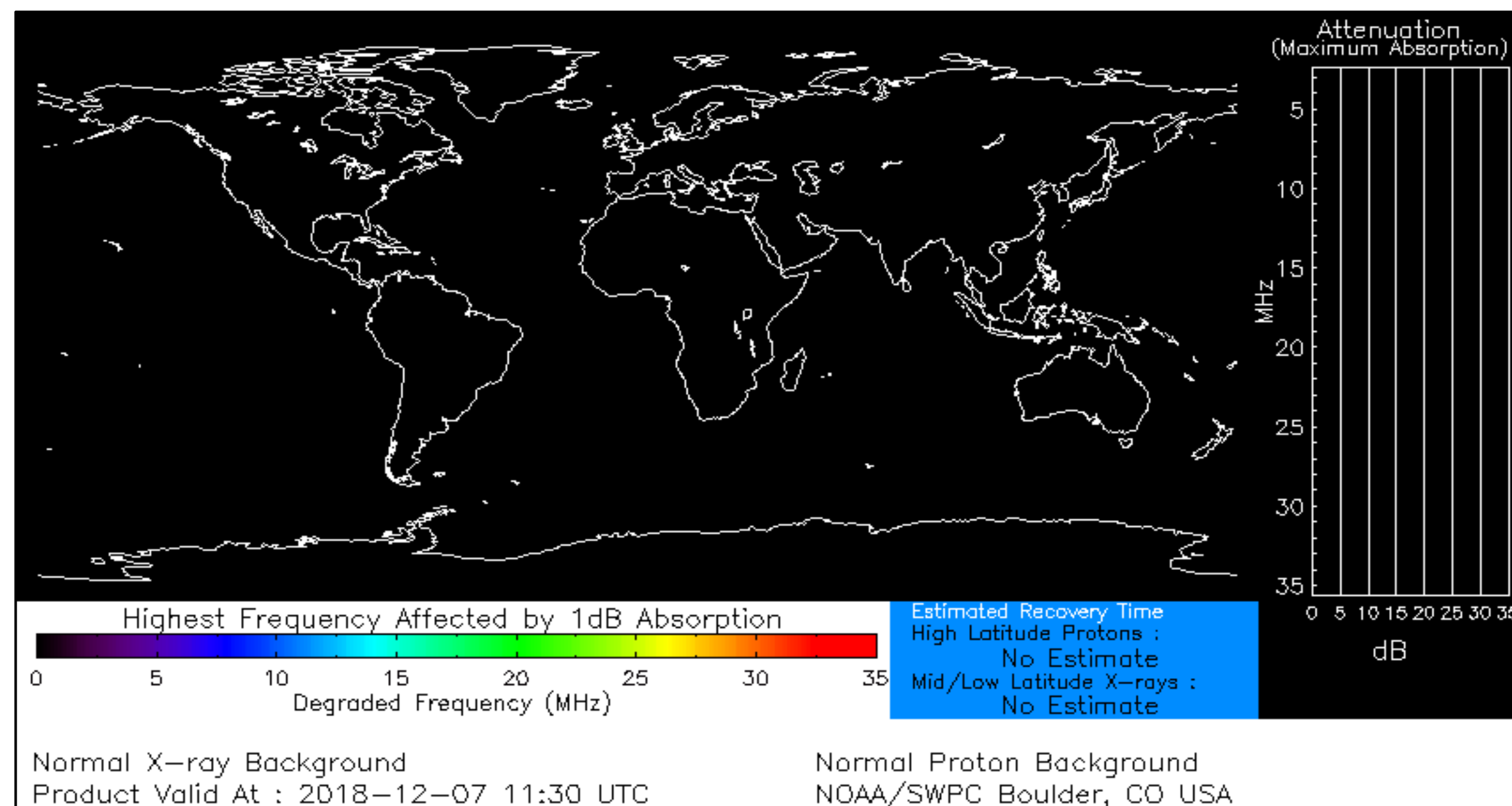
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the last slide in this briefing.*

Space Weather 3-Day Forecast



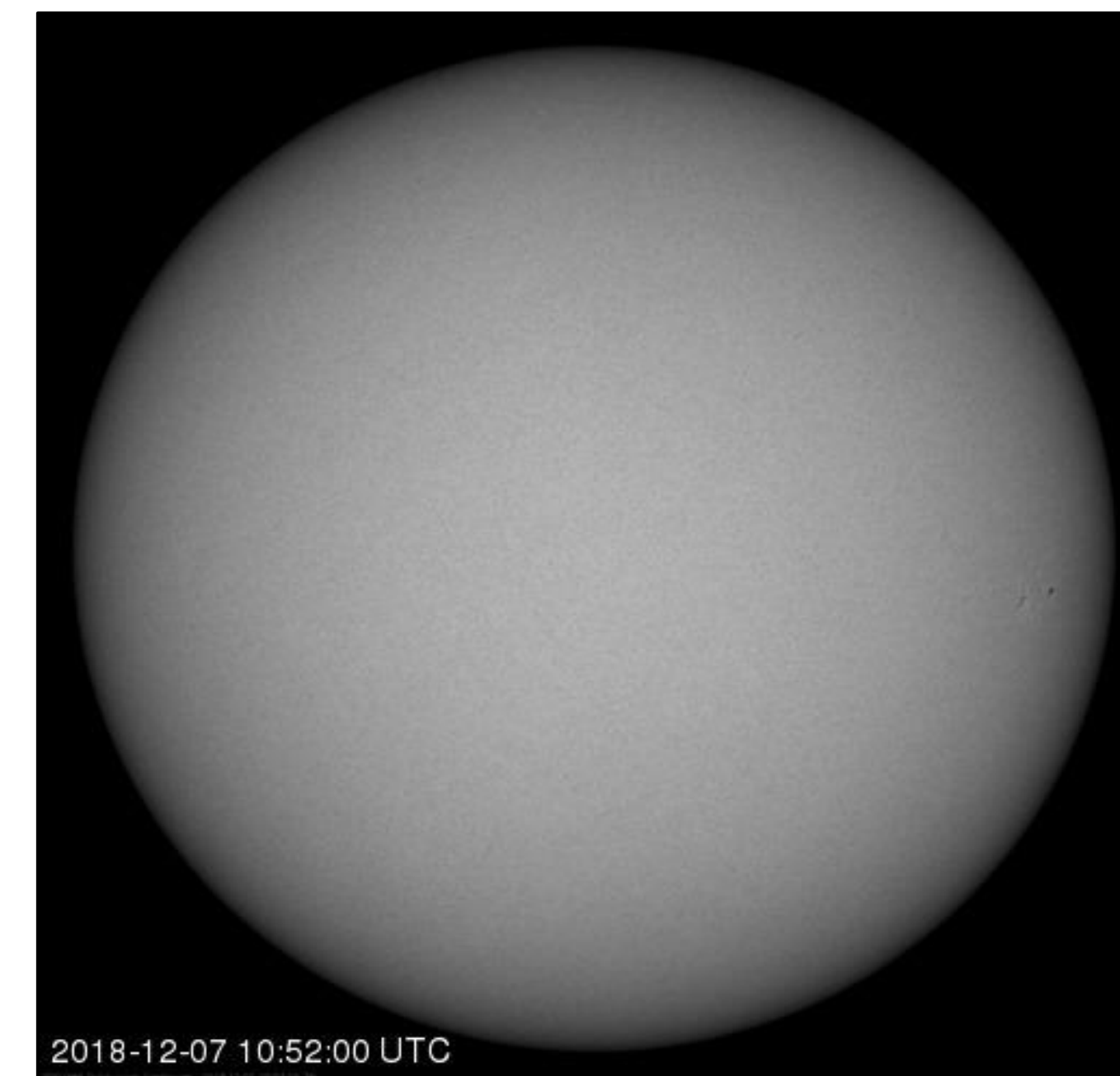
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov